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Sheet 1 of 2 Attorney Docket Number 2507-5813.1US (21839-US-01)

U.S. PATENT DOCUMENTS								
Examiner Initials *	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number - Kind Code ² (if known)		Cited Document				
UZ		US-4,570,540	02/18/1986	Bell				
G7		US- 5,726,378	03/10/1998	Barrett				
		US-						
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	FOREIGN PATENT DOCUMENTS								
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